

\	Yellow fields are ones you fill in		blue are results of calculations				
Vector			Insert			Parameters	
Length	Concentration		Length	Concentration		Total Reaction Volume	If you don't know what these are, use:
7500	95.8		4800	76.5		20	<---20
						Insert:Vector Ratio	<---3
						NOTE: Assuming 10X Ligase buffer and 20X Ligase	
μL of vector ng of vector	4.99		μL of insert ng of insert	12.01			
	478.38			918.49			
Probability of success	100%						